

Attorney Docket: 00766

**VERSION WITH CHANGES TO SHOW AMENDMENTS FOR PATENT**

**APPLICATION SERIAL No. 09/685,304**

**In the Claims**

Claims 2 and 6 were cancelled.

Claims 1, 3, 5, 7, 9 and 11 were amended as follows:

1. (Twice Amended) A structure for magnetizing a rotor magnet of a motor, comprising:

a rotor, the rotor being a unitary magnet cylinder bounded by an inner surface and outer surface, wherein at least one of said surfaces is a unitary and continuous [which is a magnet cylinder with a] wavy curve surface; and a stator having a plurality of silicon steel sheets wound by a plurality of winding coils.

3. (Amended) A structure of claim [2] 3, wherein said at least one wavy curve surface of said magnet cylinder includes a plurality of continuously connected curve surfaces having different arc centers.

5. (Amended) A structure for magnetizing a stator magnet of a motor, comprising:

a stator, the stator being a unitary magnet cylinder bounded by an inner surface and outer surface, wherein at least one of said surfaces is a unitary and continuous [which is a magnet cylinder with a] wavy curve surface; and

a rotor having a plurality of silicon steel sheets wound by a plurality of winding coils.

7. (Amended) A structure of claim [6] 5, wherein said at least one wavy curve surface of said magnet cylinder includes a plurality of continuously connected curve surfaces having different arc centers.

9. (Twice Amended) A structure for magnetizing a rotor magnet, comprising:

a rotor, the rotor being [which is] a unitary magnet cylinder with a non-periodic lumpy edge; and

a stator having a plurality of silicon steel sheets wound by a plurality of winding coils and mounted inside said magnet cylinder.

11. (Twice Amended) A structure for magnetizing a stator magnet, comprising:

a stator, the stator being [which is] a unitary magnet cylinder with a non-periodic lumpy edge; and

a rotor having a plurality of silicon steel sheets wound by a plurality of winding coils and mounted inside said magnet cylinder.



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**COMMENTS:** Amendment and response to office action for patent application Serial No. 09/685,304.

Maria Comninou

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